

**Amendments to the Specification:**

Please replace paragraph entitled ABSTRACT OF THE DISCLOSURE by the following:

A method for determining a pumping schedule that will produce an acceptable return on investment for a particular well includes selecting a pumping schedule, which includes an initial pumping schedule and a remaining pumping schedule, adapted for fracturing a formation around one or more perforations in the particular well. Using the initial pumping schedule, interrogate a pump data model to produce a set of fracture characteristics.